IT-6000 Series

# User's Manual

Bita TEK

IT-6000 Series

# Product Reference Guide

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Contents

Chapter 0

Before Getting Started

Introduction
Check the Package
Parts information
Charging the Battery
Installing Batteries
Charging battery with adapter
Charging battery with Docking Cradle

Chapter 1
Getting Started
Introduction
Setting Up
Starting
Calibrating the Touch Screen
Adjusting Brightness
Adjusting Volume
Scanning
Running Scanner Diagnostics
Scanning

Chapter 2
Using
Introduction
Using the Stylus
Using the Keypad
Using the Ear/Microphone
Using the Handstrap
Using Applications
Selecting Application

Scanning
Scanning Bar Codes

Chapter 3
Powering
Overview
Suspend Mode
Suspending
Resuming
Backlight
Turn On Backlight
Turn Off Backlight
Batteries
Checking Battery Power
Installing the Main Battery Pack
Charging the Battery
Using the Power Adapter
Using the Docking Cradle
Backup Battery
Battery Life
Battery Disposal
Resetting
Warm Reset
Reasons to Warm Reset
Procedure to Warm Reset
After Warm Reset
Cold Reset
After Cold Reset

Chapter 4
Software Applications
Overview
Firmware Update Utility
Retrieving a Firmware Image Update
Extract Firmware Update Utility
Update IT-6000 Firmware
Flash Memory
Installing Programs
Using an Installation Wizard
Installing Programs Manually
Using File Explorer to Add to the Start Menu
Using ActiveSync to Add to the Start Menu

Removing Programs
Selecting and Using Programs
Using the Task and Command Bars
Entering Data
Using the Stylus on the Touchscreen Display
Selecting Text
Entering Data with a Bar Code Scanner
Soft Keypad/Input Panel
Desktop Window
File Explorer
Inbox
Internet Explorer
WordPad

Chapter 5
Configuring
Overview
Context Sensitive Help
Calibrating the Touch screen Display
Adjusting LCD Brightness
Rotating the Screen
Adjusting Volume
Setting Application Buttons
Volume and Sounds
Setting the Date and Time
Power Configuration
Battery Tab
Power Off Tab
Memory Configuration
Memory Allocation & Usage
Network Configuration
Using Wireless LAN
Turn On/Off the Wireless LAN Module
Wireless LAN Configuration
Hardware & Firmware Version Information
Expansion Cards
Serial Number
Firmware Version

## Chapter 6
## Networks, Communications, and Connections

Overview
SNMP
Installing & Setting Up the IT-6000 IrDA Dock Driver
IrDA Driver Installation
Setting up the IrDA Port
Installing & Setting Up Microsoft® ActiveSync
Microsoft® ActiveSync
Using ActiveSync
Setting up a Partnership
Transferring Files
ActiveSync File Synchronization
Networking
Setting up the Network ID
Network and Dialup Connections
RF Configuration Parameters
Network Setup: Remote ActiveSync

# Before Getting Started

This chapter contains hardware and software information to assist you in making the most out of your Mobile Computer. The components include:

- Check the Package
- Parts information
- Charging the Battery

# Check the Package

Carefully remove all protective materials from around the Mobile Computer and save the shipping container for later storage and shipping.

Verify that you received all equipment listed bellow:

- Main Unit ❶
- Stylus Pen ❷
- Open type CF Slot Cover ❸
- Standard Battery Pack ❹
- Ear/Microphone ❺
- Charging Adapter ❻
- Adapter Power Cord ❼
- Sync Cable ❽
- Handstrap ❾
- Quick Reference Guide
- Supplementary CD

Inspect the equipment for damage. If you are missing any equipment or if you find any damaged equipment, contact the Customer Support Center immediately.

Figure 1. Contents in Package

# Parts information

Four perspectives of the Mobile Computer are in Figure 2 and Figure 3. Refer to more detailed information.

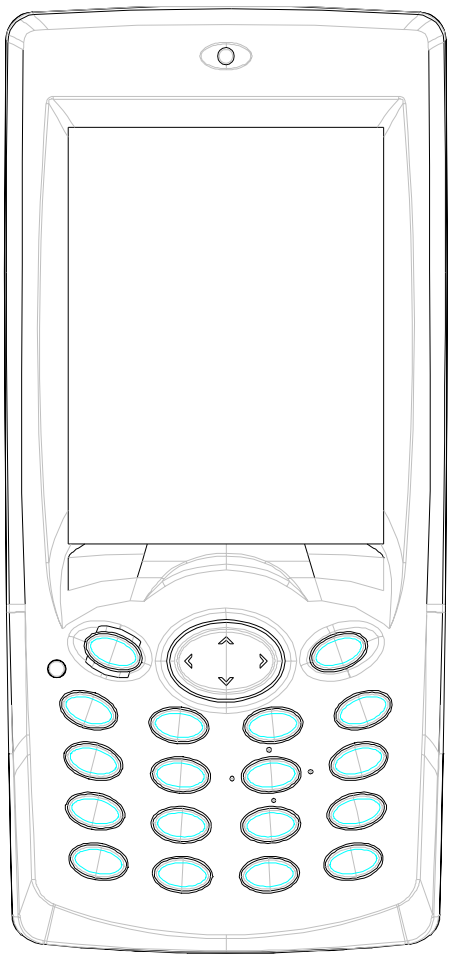

**Figure 2. Front View**

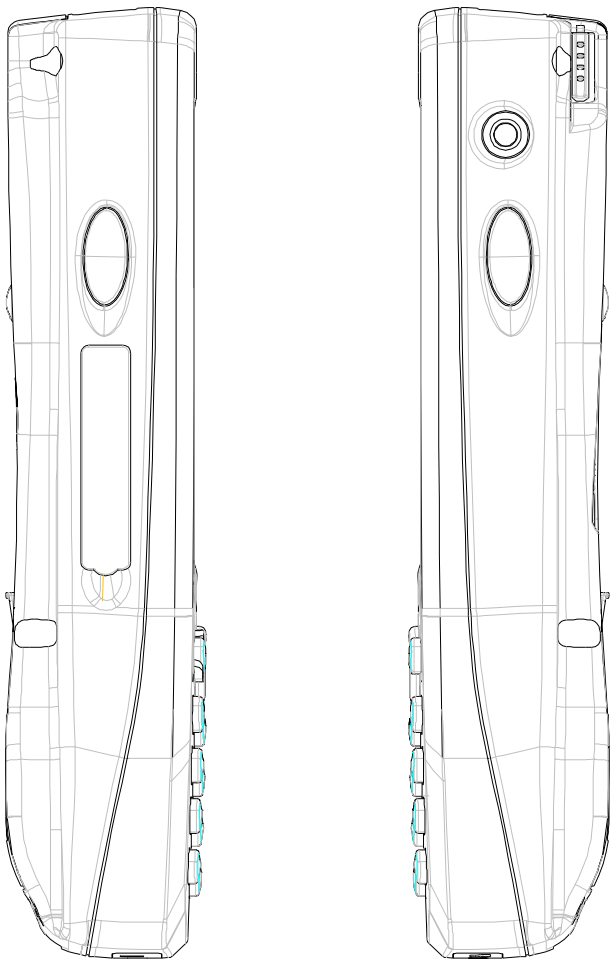

Figure 3. Left and Right View

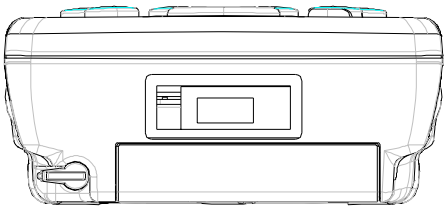

Figure 4. Top View

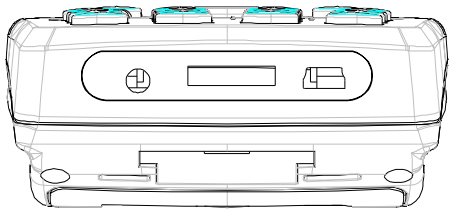

Figure 5. Bottom View

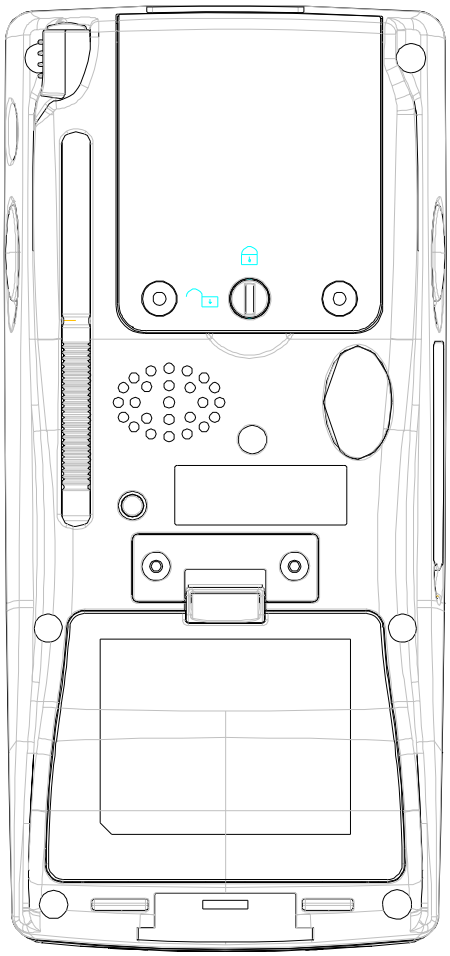

Figure 6. Back View

### LCD and Touch Screen

Show running applications and tap on screen with stylus pen to interact with applications.

### Scanner LED Indicator

Turn on Green or Red LED when it read barcode. If barcode reading is successful, it'll show Green, otherwise Red.

### Scanner Button

Press to read barcode, then Barcode Scanner will start to trig. The trigger will stop when reading finish. Release the button to stop trigger work.

### Scanner Window

When trigger work, laser beam or LED light will be through out to this window. Aim the laser beam or LED light to the Barcode.

### CF Slot

The CompactFlash card slot accepts either a storage card or the various peripherals. If you want to use bigger CF interface as like CF Camera or CF GPS card, you have to use Open Type CF Cover.

### SD Slot

The SD card slot accepts a storage card. This slot accepts Multi-Media Card(MMC Card) also.

Note: SDIO support SD Interface card as like Camera. This kind of interface doesn't support.

### Power LED Indicator and Alarm LED

When battery is charging, it turns on Red LED. After finishing battery charge, it changes to Green LED.
Some application can use this LED as Alarm function. Alarm will turn on Blue LED.

### Adapter Power Port

Connect External Power Adapter to this Port to charge the Battery.

Note : The Standard battery need to charge 4 hours. When you open the box, charge the battery fully.

USB/Serial Sync port
Connect USB or Serial cable with Desktop and this Mobile computer. It'll make the connection between Desktop and mobile computer.

Note : To make Microsoft ActiveSync connection, You have to install Microsoft ActiveSync 3.7 or more in your desktop. You can download that on the Microsoft Web site.

### USB Host Port

The USB Host port support USB Keyboard, Mouse, Flash Memory Disk, Ethernet. After connect with Docking cradle, you can use standard USB host port. Connect USB peripherals here.

Note : USB Host only support low power consumption peripherals. You can't use

### Power/Back light button

To turn on or off Mobile Computer, press power button shortly. If you want to Turn on or off Back light then press power button over 1 second.

### Navigation Button

Move the direction to Up/Down/Left/Right.

### Home Button

Move to Desktop Window or Run the application that is defined by user. Sometimes this can be used as Scanner Button.

### Key Pad

Input number or alphabet characters. We can run special functions with Fn Key.

### Ear/Microphone Jack

Connect Ear/Microphone to hear audio sound or record voice. It's useful for VoIP phone or Voice chatting.

### Speaker

Play the sound effect or scanner beep sound.

### Battery cover Latch

Open or lock battery cover. It's easy to open or close cover, if pull the latch first.

Backup Battery Switch
If this switch turned off, it will Keep backup battery status. But, it must be turned on before using. The backup battery will keep the memory status.

Note: Turn off the backup battery switch, when you have no plan to use in short term. And check the backup battery status before using. If the backup battery was exhausted, it needs almost 10 or more hours.

### Emergency notice switch

When user take out the battery or the battery cover is opened, this switch will be released, and it will notice to Mobile Computer to use the backup battery to keep the memory.

### Battery Compartment

Insert the battery with correct direction and close the cover.
When you want to use High capacity battery pack, use the high capacity battery cover.

# Charging the Battery

Before using Mobile Computer, Please charge the battery fully. You can indicate with Green power LED. The battery usually charges in 4 hours to fully charge.

### Installing Batteries

1. Pull the battery cover latch until the cover releases.
2. Lift the battery door away from the Mobile Computer.
3. Insert the lithium-ion battery in the battery compartment, ensuring the battery snaps into place.
4. Replace the battery cover by inserting the bottom first.
5. Pull the battery cover latch to secure the battery cover.

### Charging battery with adapter

1. Connect power code to power adapter.
2. Connect power code to the power source.
3. Insert power adapter to the power jack.

### Charging battery with Docking Cradle

1. Connect power code to power adapter.
2. Connect power code to the power source.
3. Insert power adapter to the power jack of docking cradle.
4. Put Mobile Computer on the cradle.

Note:

# Getting Started

This section covers the most basic aspects of preparing the Mobile Computer for use. Please refer to the appropriate sections for more information.

- Turn On/Off
- Setting Up
    - Starting
    - Calibrating the Touch Screen
    - Adjusting Brightness
    - Adjusting Volume
- Scanning
    - Running Scanner Diagnostics
    - Scanning

## Turn On/Off

Press Power button to turn on the device. And, to turn off the device, press Power button again. The device is not turned off exactly. It just will make suspend. Every running application will be kept until next turn on. And if turn on, it will show the screen very quickly.

## Setting Up

If this device is first to you, you need to set some configuration. Because the default setting can be different depend on user.

### *Starting*

After turning on the device, it shows Desktop Window. You can input or select with stylus pen to tap on the screen.

***Figure 2. Desktop Window***

*Calibrating the Touch Screen*

This device was produced with calibrated screen. So, the user does not need to modify at first. If you feel the positioning is incorrect, you need to recalibrate.

1. Press '=' key as press down Fn Key.
2. It'll show the calibration screen.

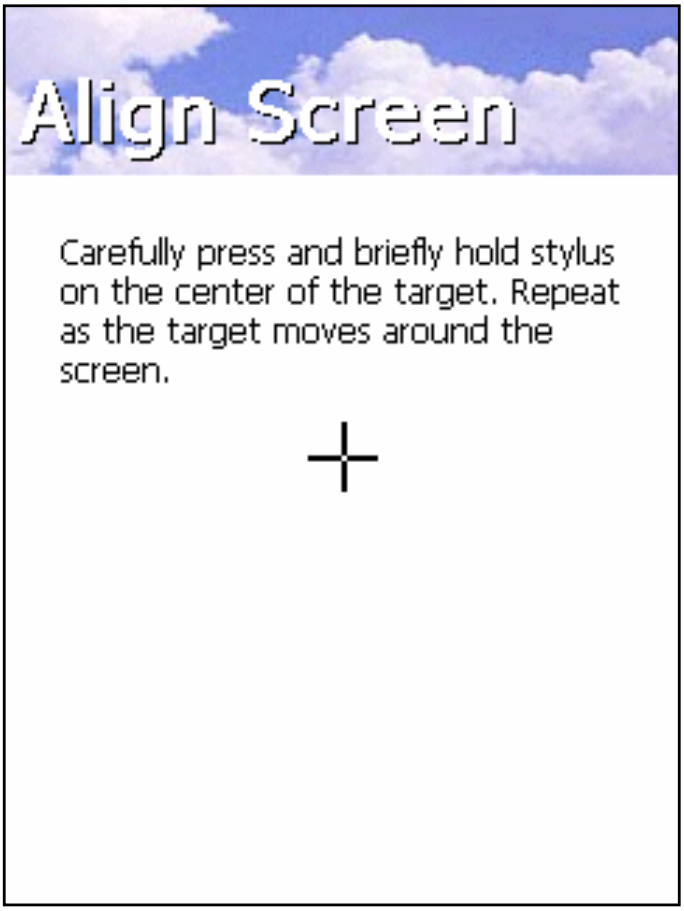
Align Screen
Carefully press and briefly hold stylus on the center of the target. Repeat as the target moves around the screen.

**Figure 2. Calibration Screen**

3. Tap the center of the target, repeat as the target moves around the screen.

### *Adjusting Brightness*

The Backlight factory default is maximum status. But, user can feel uncomfortable. At this moment we can try to control the Backlight. This will make the bright ness change.

1. Press Right or Left on the Navigation button with Fn Key.
2. You can see the brightness change.
3. Set proper value.

### *Adjusting Volume*

The Volume factory default is maximum status. But, user can feel uncomfortable. At this moment we can try to control the Volume.

1. Press Up or Down on the Navigation button with Fn Key.
2. You can hear the volume change.
3. Set proper value.
4. If you don't want sound, press '3' Key with 'Fn' key. This will make mute or not.

## Scanning

Now, you are ready to use the device. Let's try read the barcode.

### *Running Scanner Diagnostics*

1. Tap the Start-Programs-Scanner-Scanner Diagnostics to try to read barcode.

### *Scanning*

1. Press scanner button.
2. Aim the Laser beam or LED light to the barcode.
3. Check the read barcode.

# Using

This chapter will show how to use Stylus pen and other accessories include in the package.

- Using the Stylus
- Using the Keypad
- Using the Ear/Microphone
- Using the Handstrap
- Using Applications
    - Selecting Application
- Scanning
    - Scanning Bar Codes

### Using the Stylus

The stylus is located next to the CF Cover. The stylus on the device is the equivalent of the mouse on a PC. Use the stylus to:

- Navigate the touch screen display.
- Select characters in the soft input panel (SIP).
- Select applications from the desktop or system tray.
- Select tabs, fields and text within applications and dialog boxes.

Figure 2. Using the Stylus

It is good practice to replace the stylus into the holder after use so you don't lose or misplace it.

Note :
Never use a pen, pencil, or other sharp object on the touch screen display. Use only the supplied stylus or plastic-tipped pens intended for use with a touch screen-sensitive display.

### Using the Keypad

Keypad is very useful input method. You can input numeric character, alphabet character. And you can control device with some function keys.

*Numeric Character*

Press numeric keys that you want to input. But, you need to make sure which character type selected. Check the tray icon to make sure character type.

*Alphabet Character*

Press alphabet character that you want to input. Press same key shortly to input other alphabet character. If the character you want appear, move cursor or press other key.

Symbol
Press symbol character that you want to input as press KBD key. Symbol was printed as orange color. And that has no relation with current input character type. So, you can input symbol at any time.

*Current Input Character Type Change*

When you need to change the Current Input Character Type, press Tab key with KBD key. It'll rotate the Current Input Character Type. Basically, the English version is using following order.

Numeric → Alphabet Capitals → Alphabet Lower → Numeric …

*Device control using the function key*

To control the device, press defined function key with Fn Key. Following table shows device control function define.

| Key | Description |
|---|---|
| Left | Decrease brightness intensity |
| Right | Increase brightness intensity |
| Up | Increase Volume |
| Down | Decrease Volume |
| Home | Go to Desktop and hide all running applications |
| Esc | Run Record or defined application |
| 1 | Turn on/off Wireless LAN |
| 2 | Sound Mute |
| 3 | Back Space |
| 4 | Run App2 or defined application |
| 5 | Run App3 or defined application |
| 6 | Run App4 or defined application |
| 7 | Copy to Clipboard |
| 8 | Paste with Clipboard |
| 9 | Rotate screen |
| 0 | Insert |
| . | Delete |
| Enter | Calibrate Screen |
| Tab | Run App1 or defined application |

### Using the Ear/Microphone

Connect Ear/Microphone to Earphone Jack. This is look like cellular phone's earphone. But, it support Stereo Sound. When you are using VoIP phone function, this will be useful.
The Mobile Computer doesn't have internal microphone. So, to record voice, you have to use Ear/Microphone.

**Figure 2. Using the Ear/Microphone**

### Using the Handstrap

The Mobile Computer has a handstrap which increases comfort when holding the device for extended periods of time. The handstrap may be removed or replaced, if damaged.

To use the handstrap:

1. Hook the upper of the handstrap from the Scanner Window
2. Fix the upper of the Handstrap with 2 screws.
3. Hook the bottom of Handstrap from the handstrap connector.

Figure 2. Using the Handstrap

### Using Applications

To select and open programs, select Start > Programs  to open a list of available programs. If the program has an icon on the desktop, tap to open it.

#### *Using the Task Bar*

The task bar at the bottom of the screen displays the active program and current time, and allows you to select programs and close screens.

**Figure 2. Task Bar**

*Using the Command Bar*

Use the command bar at the top of the screen to perform tasks in programs. The task bar includes menu names, buttons, and the input panel button. To create a new item in the current program, Select File > New > View.

**Figure 2. Command Bar**

## Scanning

### *Running Scanner Diagnostics*

1. Tap the Start > Programs > Scanner > Scanner Diagnostics to try to read barcode.

### *Scanning*

1. Press scanner button.
2. Aim the Laser beam or LED light to the barcode.
3. Check the read barcode.

# Powering

This chapter explain the Mobile Computer Power System, and how to control the power consumption, how to make reset.

- Suspend Mode
- Batteries
    - Checking Battery Power
    - Installing the Main Battery Pack
    - Charging the Battery
    - Backup Battery
    - Battery Life
    - Battery Disposal
- Resetting
    - Warm Reset
    - Cold Reset

## Suspend Mode

The Mobile Computer will go into a suspend mode or sleep mode when it is idle for a period of time. This duration can be customized using the Power control panel (refer to "Power Off Tab". Suspend mode works and looks just like you are turned the unit off. Press the <Power> key to suspend (put to sleep). Press the <Power> key again to resume its previous state.
Use the Battery Power control panel to set the idle duration and suspend mode initiation. This will save battery power when the device is not in use.

### *Suspending*

The following conditions will suspend (put the device to sleep):

1. Press the <Power> key.
2. The sleep timer expires, which indicates that there has been no use for a specified period of time.
3. A dead or failed battery condition occurs.

### *Resuming*

Use one of the following methods to resume (wake up the device):

- Press <Power> key to suspend or resume(wake up).
- Put the device into a docking cradle.
- Press the Scan Trigger to wake up the unit .

When a battery fails while the unit is in suspend mode, the device remains suspended until the battery fail condition goes away.

## Batteries

The main battery pack in the device is a 3.7 V, 1800 mAh Lithium Polymer battery. You will be alerted with a message dialog box when the battery reaches a low state. A complete battery charge takes about four hours depending on battery state.

Note:

1. Prior to using the device for the first time, you will need to charge the main battery.
2. Always charge the battery within the temperature range of temperature 32°–113°F (0°– 45°C).
3. Use only the correct battery, charger, and dock supplied by a dealer. The use of other battery supplies can damage the device and void your warranty.

## Checking Battery Power

If you remove the battery or the battery fails, you have about 2 hours to swap in a new battery or charge the battery before the backup battery fails.

### *Battery Power Gauge*

The Power control panel applet displays a battery power gage.

### *Low Battery Conditions*

When the battery is low, a dialog box pops up and alerts you to charge the battery. You may close the window, but the dialog box will pop up again before the battery reaches the Battery Dead condition.

### *Battery Dead Condition*

The battery sensor initiates a shutdown of all applications, and closes the RF Network connection.

When the battery has been replaced, the device will resume as before.

### Installing the Main Battery Pack

The main battery must be installed in the device before you can charge it in the docking cradle.

Complete the following instructions to install the battery.

1. On a device, detach the elastic handstrap by releasing its hook from the handstrap connector at the base of the unit.
2. Pull the cover latch to unlock the battery door. Remove the door.
3. Make sure to turn on the Backup Battery Switch.
4. Insert the battery with the pull tab on the outside and the battery contacts aligned with the matching contacts inside the battery compartment.
5. The main battery pack has a keying feature on one side to prevent incorrect installation.
6. Replace the battery door by inserting the bottom tab into the slot. If the battery is installed incorrectly, the door will not seat properly.
7. Pull the latch on the battery compartment cover towards the base of the unit.
8. On the device, replace the handstrap hook on the connector at the base of the unit.

**Figure 2. Installing main battery**

## Charging the Battery

When you first remove the device from the box, you will need to charge the main battery. The battery must be inside the unit to charge it with the dock. A complete battery charge takes about about 4 hours depending on battery state.
After using the device, if a low battery indicator appears, the main battery needs recharging. The device can be recharged in the docking cradle, connecting with AC adapter directly.

### *Using the Power Adapter*

1. Connect power code to power adapter.
2. Connect power code to the power source.
3. Insert power adapter to the power jack.

**Figure 2. Charging with the power adapter**

*Charging battery with Docking Cradle*

1. Connect power code to power adapter.
2. Connect power code to the power source.
3. Insert power adapter to the power jack of docking cradle.

**Figure 2. Charging with the docking cradle**

During charging, Main unit's Power LED will turn on Red LED. When battery is charged fully, it will turn on Green LED. Docking cradle can charge extra battery. When charging extra battery, the LED beside extra battery charge compartment will turn on Red LED. After charging the extra battery, it will turn off.

Note
Use only the supplied battery chargers and docks with this device. Using the wrong charger or dock will not damage the unit, charger, or dock; they simply will not work.

### Backup Battery

The backup battery in the device is a 3.1V Lithium battery.
The backup battery is charged off the main battery pack, so it is important to keep the main battery pack with at least a minimal charge so the unit can maintain date, time, data, and other settings.

### Battery Life

Batch units can have 6 hours to 16 hours of battery life per charge depending upon usage, number of scans per minute, backlight usage, and other factors that draw upon battery power.

### Battery Disposal

If you must dispose of a battery pack, please follow the instructions in the following caution:

1. Recycle Lithium-Ion Batteries.
2. Do not throw Lithium-Ion Batteries in the trash.

## Resetting

You always attempt a Soft (warm) reset before initiating a Hard (cold) reset. Once you initiate a hard reset, all applications are forcibly closed and working RAM and files are cleared.
It is a good idea to store important data in the DiskOnChip memory for this reason.

## Warm Reset

A warm (soft) reset is a transition from the on, idle, or suspend power state that closes all applications, clears the working RAM, but preserves the file system.

### *Reasons to Warm Reset*

1. After entering the Net IP address on the RF network card, you must initiate a warm boot for the address to register on the network.
2. • If an application "hangs", initiate a warm boot to terminate the application only.

### *Procedure to Warm Reset*

Whenever it needs to reset, press Reset button back of unit using stylus pen.

### *After Warm Reset*

1. The screen will be black screen during shortly.
2. The desktop appears with the application shortcuts on the screen.
3. The custom settings in the registry are persistent.
4. Any RF Network PC Card connects to the network system depend on the setting.

## Cold Reset

A cold (hard) reset is a complete reset of the device in which all applications are forcibly closed and working RAM and files are cleared.

### *Reason to Cold Reset*

Press the <Reset> button with FN Key when the WindowsCE.Net operating system (OS) locks up and the Warm reset command does work.

### *Cold Reset Procedure*

To perform a cold (hard) reset, press the Reset Button with FN key.

You always attempt a Soft (warm) reset before initiating (cold) reset. Once you initiate a hard reset, all applications are forcibly closed and working RAM and files are cleared.

After Cold Reset
When a device goes through the cold reset sequence, it clears the working RAM and initializes the file system. You will lose any applications and data which are not stored in persistent flash memory “DiskOnChip”.

- The splash screen will appear shortly.
- You must recalibrate the touch screen, if you need.
- The desktop appears with the application shortcuts on the screen.
- The custom settings in the registry are persistent.
- Any RF Network PC Card connects to the network system.

# Software Applications

This chapter explains preinstalled applications and how to install additional applications.

- DiskOnChip
- Installing Programs
  - Using an Installation Wizard
  - Installing Programs Manually
  - Using File Explorer to Add to the Start Menu
  - Using ActiveSync to Add to the Start Menu
- Removing Programs
- Selecting and Using Programs
  - Using the Task and Command Bars
  - Entering Data
- Pocket Inbox
- Internet Explorer
- WordPad

### DiskOnChip

In addition to the RAM-based storage standard on WindowsCE .Net terminals, the device is also equipped with Flash-based storage area.
To access the contents of Flash Memory:

1. Double-tap the My Computer icon on the desktop.
2. Double-tap the DiskOnChip Disk icon to view DiskOnChip Disk.

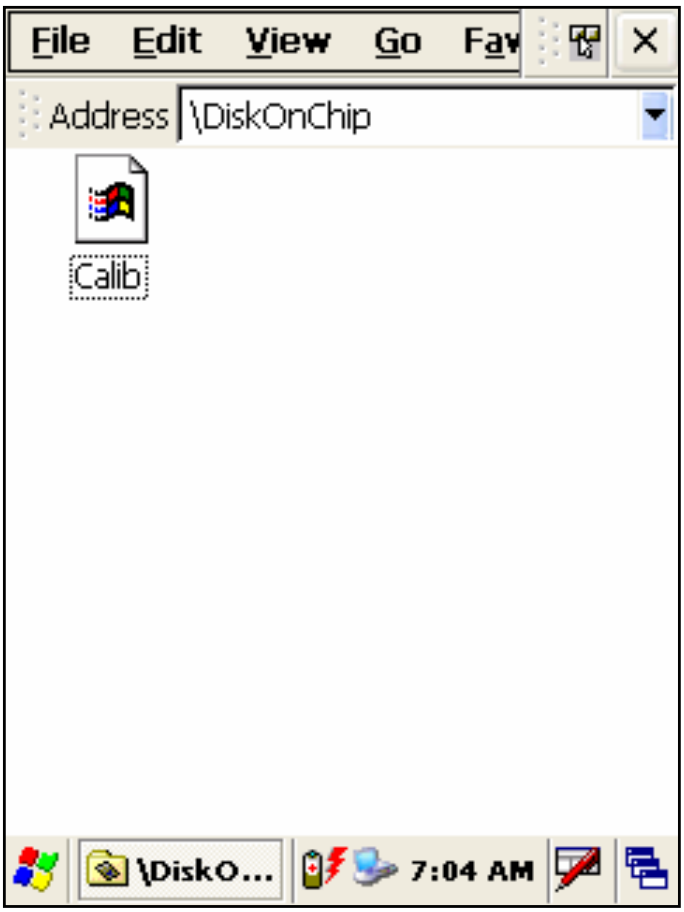


Figure 2. Using DiskOnChip

To save applications or data to the DiskOnChip, from your current application, select File > Save As > DiskOnChip Disk.
You can store approximately 16MB of programs and data in rewritable Flash Memory.

## Installing Programs

Programs pre-installed on the device are stored in ROM (read only memory). You cannot remove, or modify this software. You may add programs and data files to RAM (random access memory) or into DiskOnChip. Please follow the directions provided with the software to install it.

### *Using an Installation Wizard*

If the file has an installer, the installation wizard begins. Follow the directions on the screen. Once the software is installed on your desktop computer, the installer transfers the software to your terminal automatically.

### *Installing Programs Manually*

If the file does not contain an installer, an error message indicates the program is valid but is designed for a different type of computer.

1. Install *.cab, *.exe *.zip, setup.exe files, or other files designed for the device.
2. WindowsCE .Net applications will also work on the device.

Start by downloading the program to your desktop computer (or insert the CD or disk that contains the program into your desktop computer).

1. Select Start > Settings > Control Panel > System > General on device. Make a note of the information in the Processor field.
2. Read the installation instructions, ReadMe files, or manual that comes with the program. Many programs provide installation instructions.

If you cannot find installation instructions for the program in the ReadMe file or manual, use ActiveSync Explore to copy the program file to the Program Files folder on your device.
For more information on copying files using ActiveSync, refer to the ActiveSync online Help.

3. Connect your terminal and desktop computer.
4. Double-click the *.exe file.
5. Once the installation is complete, you double-tap the program icon from your desktop, or select Programs > program icon to select it.

***Using File Explorer to Add to the Start Menu***

1. Select Start > Programs > File Explorer, and select the folder where the program is stored.
2. Select Cut from the Edit > Cut from the command bar.
3. Open the Programs folder located in the Windows folder, select Paste from the pop-up menu.

The program appears on the menu.

***Using ActiveSync to Add to the Start Menu***

1. Use the Explorer in ActiveSync on your desktop computer to explore the files on your Mobile Computer and locate the program. For more information on using ActiveSync, refer to the ActiveSync online Help.
2. Right-click on the program, then select Create Shortcut.
3. Move the shortcut to the Programs folder in the Windows folder.

The shortcut appears on the menu.

### Removing Programs

Only user installed programs can be removed.

1. To remove a program select Start > Settings > Control Panel > Remove Programs.
2. Select the program you wish to remove from the list and press remove.

### Selecting and Using Programs

To select and open programs, select Start > Programs to open a list of available programs. If the program has an icon on the desktop, tap to open it.

***Using the Task Bar***

The task bar at the bottom of the screen displays the active program and current time, and allows you to select programs and close screens.

**Figure 2. Task Bar**

*Using the Command Bar*

Use the command bar at the top of the screen to perform tasks in programs. The task bar includes menu names, buttons, and the input panel button. To create a new item in the current program, Select File > New > View.

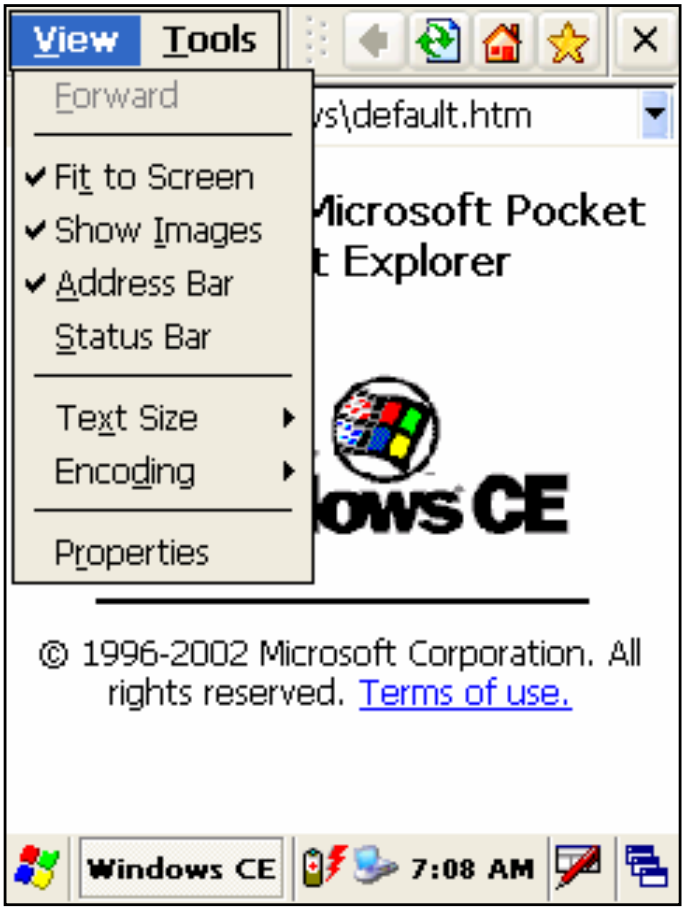


**Figure 2. Command Bar**

## Entering Data

### *Using the Stylus on the Touch Screen Display*

The stylus is located next to the CF Cover. The stylus on the device is the equivalent of the mouse on a PC. Use the stylus to:

- Navigate the touch screen display.
- Select characters in the soft input panel (SIP).
- Select applications from the desktop or system tray.
- Select tabs, fields and text within applications.

### *Selecting Text*

Select text in the same way you select text on a PC. Use the stylus to highlight the desired text by dragging the stylus across the desired text, double-tapping to select one word, and triple-tapping to select an entire line.

### *Entering Data with a Bar Code Scanner*

You can use the scanner to read bar codes. Press the trigger or scan button to initiate a scan. The scanned data will be entered into the current application's edit context.

### *Soft Keypad/Input Panel*

In applications that accept keyed input, the soft input panel (SIP) can be used to enter data using the stylus. The SIP is an on-screen QWERTY keyboard.
To open the SIP. double-tap the keypad icon in the system tray, shown in Figure or single-tap the stylus icon and select Keypad from the pop-up menu.

View Tools
Address \windows\default.htm
Welcome to Microsoft Pocket Internet Explorer
Microsoft Windows CE
Input Panel
Esc 1 2 3 4 5 6 7 8 9 0 - =
Tab q w e r t y u i o p [ ]
CAP a s d f g h j k l ; '
Shift z x c v b n m , . /
Ctl áü ` \
Windows CE
7:09 AM

**Figure 2. Entering data using SIP**

Use the stylus to select letters, numbers, or symbols from the Soft Input Panel for the current application. Tap the key to change the keypad to show international letters.

### Pocket Inbox

WindowsCE .Net units come with Inbox for WindowsCE .Net installed from the factory. Inbox is a familiar Microsoft email interface. To setup up Inbox:

1. Open Inbox by selecting Start > Programs > Inbox.
2. Select Services > Options from the command bar to configure.
3. Select Add....
4. Select Service Type and enter in name of email service in the Service Name field.
5. Select the type of service.
6. Enter the server and user information in the Mail Service Definition.
7. Configure your inbox using the Mail General Preferences dialog.
8. Configure your mail retrieval settings using the Mail Inbox Preferences.
9. Press OK to complete the Inbox configuration.
10. Select Services > Connect from the command bar.
11. Select Services > Send/Receive Mail from the command bar to manually retrieve mail. Any pending email appears in the inbox after connecting.

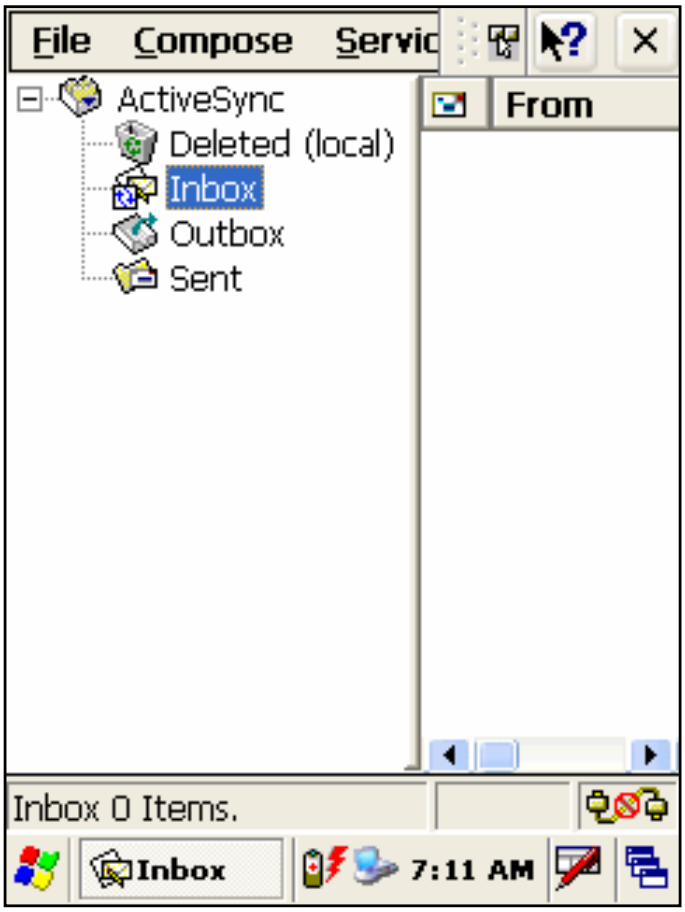


**Figure 2. Pocket Inbox**

### Internet Explorer

The IT-6000 comes with Internet Explorer for WindowsCE .Net installed from the factory.

1. Open Internet Explorer by selecting Start > Programs > Internet Explorer.
2. To set default home page, navigate to desired default web page.
3. Select View > Internet Options from the command bar.
4. Enter the desired URL in the Start Page field.
5. Press the OK button

Internet Explorer uses sliding menus for application and navigation control. Tap and drag the sliding menus to the left or right to see the hidden menu items and toolbars.

**Figure 2. Internet Explorer**

### WordPad

The IT-6000 comes with Word-Pad for WindowsCE .Net installed from the factory. The following text and document file types are compatible with Word-Pad:

- Text (*.txt)
- Word Document (*.doc)
- Rich Text File (*.rtf)
- WordPad (*.pwd))

When file types other than *.pwd are transferred to the WindowsCE .Net device, WindowsCE .Net translates the files into a compressed WindowsCE .Net file type. To start Wordpad, select Start > Programs > Microsoft WordPad.

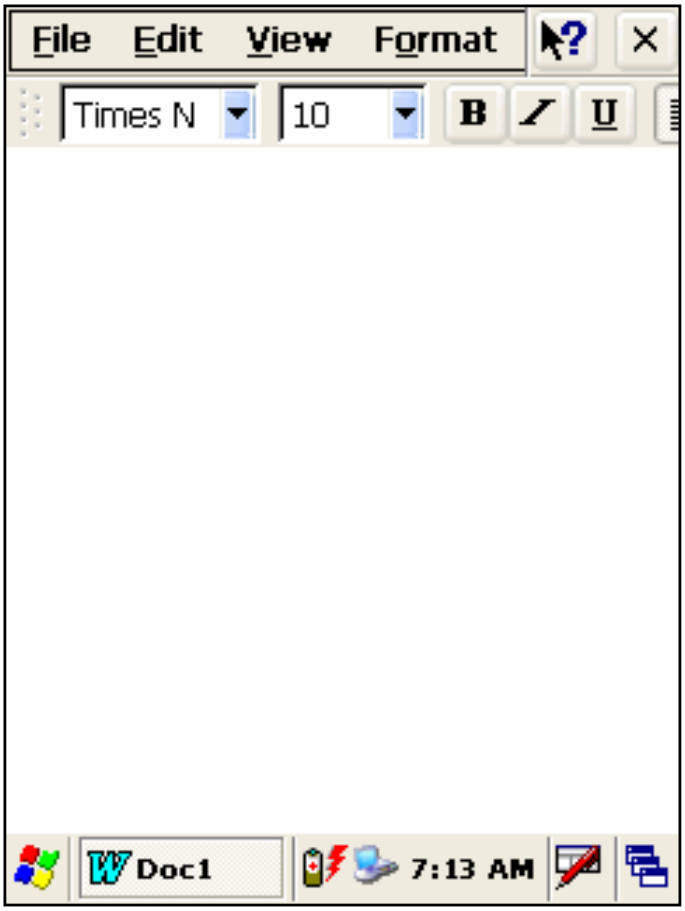


**Figure 2. WordPad**

# Configuring

This chapter explains to configuring the device.

- Context Sensitive Help
- Calibrating the Touch screen Display
- Adjusting LCD Brightness
- Rotating the Screen
- Adjusting Volume
- Setting Application Buttons
- Volume and Sounds
- Setting the Date and Time
- Power Configuration
    - Battery Tab
    - Power Off Tab
- Memory Configuration
    - Memory Allocation & Usage
- Network Configuration
- Using Wireless LAN
    - Turn On/Off the Wireless LAN Module
    - Wireless LAN Configuration
- Hardware & Firmware Version Information
    - Expansion Cards
    - Serial Number
    - Firmware Version

### Context Sensitive Help

Microsoft WindowsCE context sensitive help is available for those configuration applets where a "?" button appears in the upper right hand corner of the dialog box. Press the "?" button to open the help window.

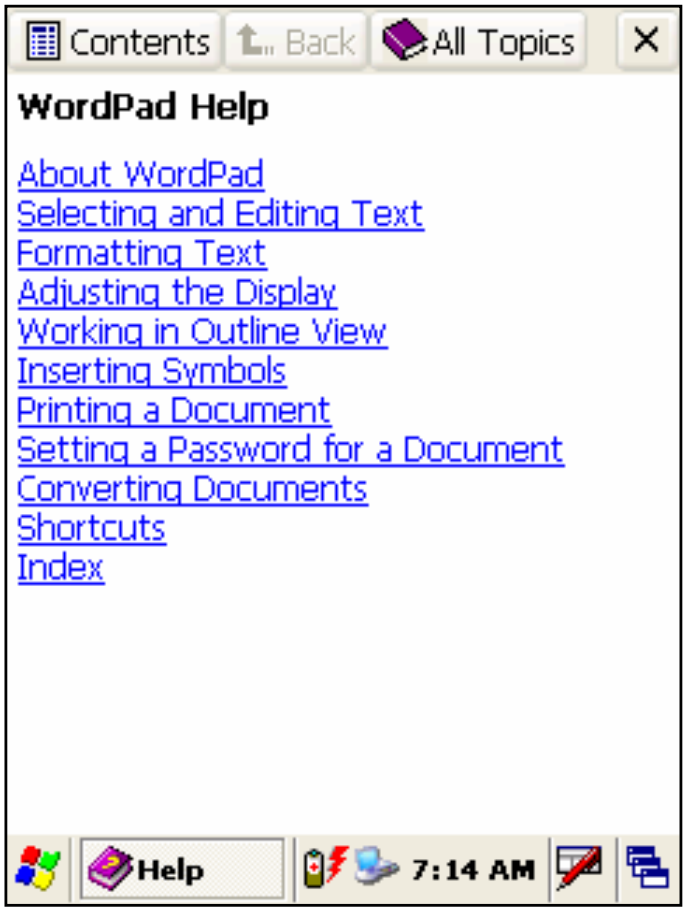


Figure 1. Using WindowsCE. Net Context Sensitive Help

### Calibrating the Touch screen Display

It is possible that you might need to recalibrate the touch screen (i.e. when you notice that when you select one item with the stylus, another item is selected).

To recalibrate the touch screen, complete the following steps:

1. Press Enter button with Fn Key.
2. Carefully press and briefly hold stylus on the center of the target as the target moves around the screen.

Align Screen
Carefully press and briefly hold stylus on the center of the target. Repeat as the target moves around the screen.

Figure 1. Touch Screen Calibration

### Adjusting Brightness

The Backlight factory default is maximum status. But, user can feel uncomfortable. At this moment we can try to control the Backlight. This will make the bright ness change.

1. Press Right or Left on the Navigation button with Fn Key.
2. You can see the brightness change.
3. Set proper value.

### Adjusting Volume

The Volume factory default is maximum status. But, user can feel uncomfortable. At this moment we can try to control the Volume.

1. Press Up or Down on the Navigation button with Fn Key.
2. You can hear the volume change.
3. Set proper value.

If you don't want sound, press '3' Key with 'Fn' key. This will make mute or not.

### Rotating the Screen

The Mobile Computer has the screen rotate function. However, before rotating screen, you need to make sure the application support landscape also.

Press '9' Key with Fn Key.
Screen will rotate whenever press rotate key.

### Volume and Sounds

1. Select the Start > Settings > Control Panel > Volume & Sounds Properties to open the Volume settings.
2. Set the volume by adjusting the slider from Soft to Loud.
3. Enable the desired sounds for key Clicks, screen taps, notifications, and applications.

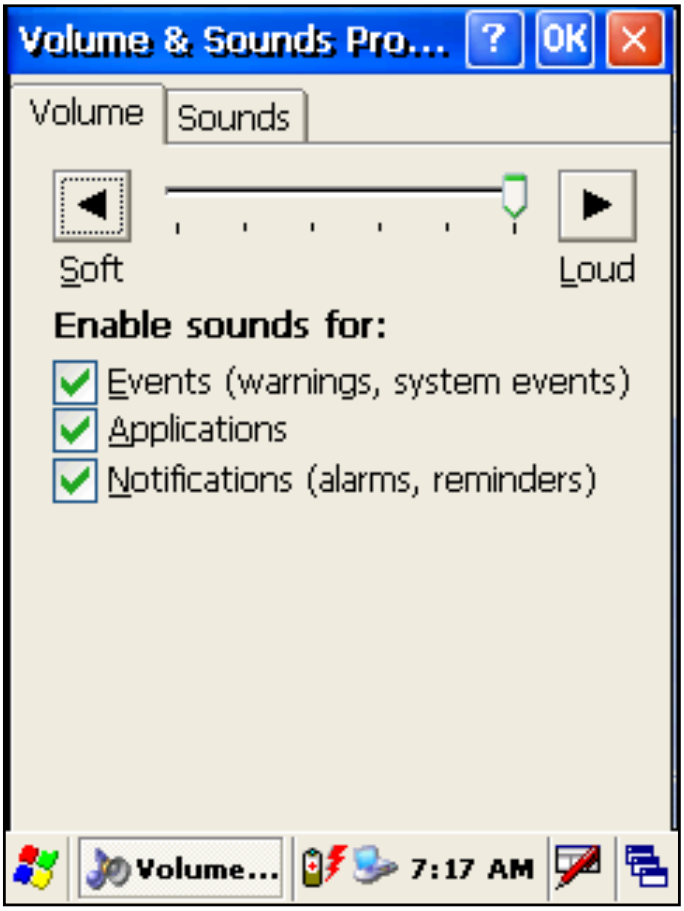


Figure 1. Volume and Sound control

### Setting the Date and Time

In this control panel, you can change the year, month, date, time, time zone, or select automatic adjust for daylight savings time. To set or change the date and time:

1. Select Start > Settings > Control Panel > Date/Time.
2. Select the month to open a pulldown list of months or press the arrow buttons on either side of the month to increase or decrease the month.
3. To change the year, select the year to open a numeric dial. Select the up arrow to increase the value; select the down arrow to decrease the value. Or you can type a new year value in the field.
4. To change the time, select the hour, minute, seconds, or AM/PM and select the up arrow to increase the value; select/tap the down arrow to decrease the value. Or you can type a new time value in the field.
5. Select your correct time zone from the pull-down list.
6. To automatically set adjust the clock for daylights savings time, enable the checkbox at the bottom of the screen.
7. Select Apply to make save your changes and make additional modifications.

• Select OK to save your changes and exit.
• Select/tap the close button to exit without saving changes.

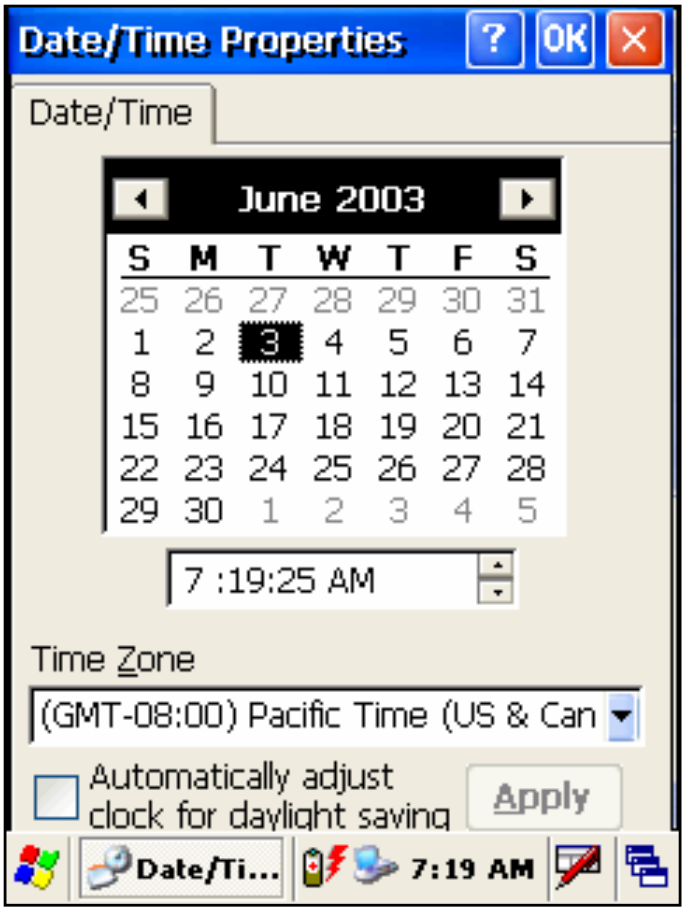
Date/Time Properties
OK
Date/Time
June 2003
S M T W T F S
25 26 27 28 29 30 31
1 2 3 4 5 6 7
8 9 10 11 12 13 14
15 16 17 18 19 20 21
22 23 24 25 26 27 28
29 30 1 2 3 4 5
7 :19:25 AM
Time Zone
(GMT-08:00) Pacific Time (US & Can
Automatically adjust
clock for daylight saving
Apply
Date/Ti...
7:19 AM

Figure 1. Date and Time setting

### Power Configuration

To adjust power management settings, select Start > Settings > Control Panel > Power. Use this control panel to check the charge on the battery or to change the Power settings.

#### *Battery Tab*

The Battery tab provides power indicators for External power, Main battery, and Backup battery. To save your settings, press OK from the command bar, or press the <Enter> key on the keypad.

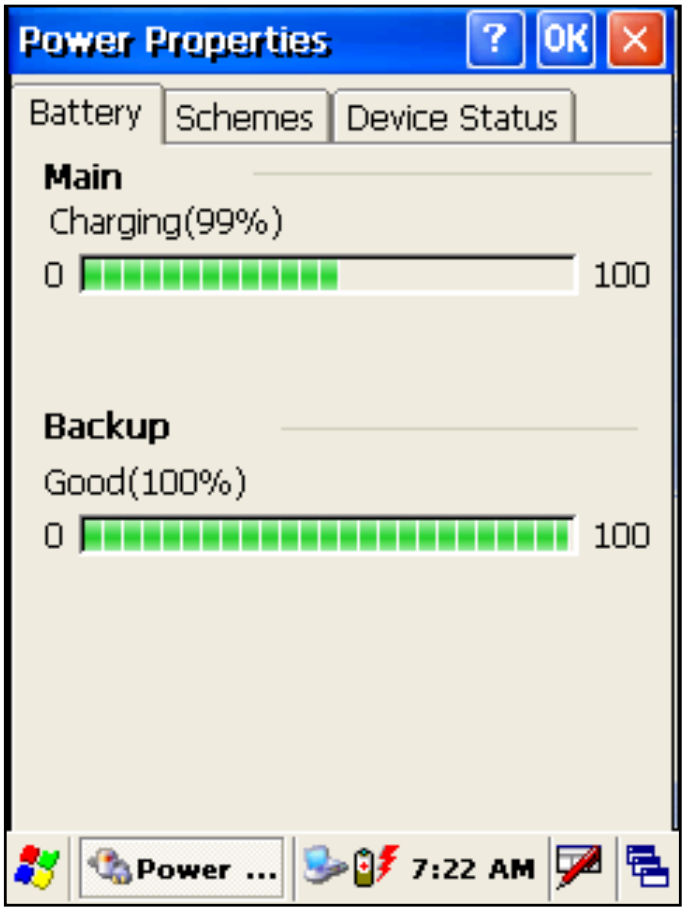


Figure 1. Battery status

*Scheme Tab*

The Scheme tab allows you to determine the idle duration and suspend mode initiation to save battery power. To save your settings, press OK from the command bar, or press the <Enter> key on the keypad.

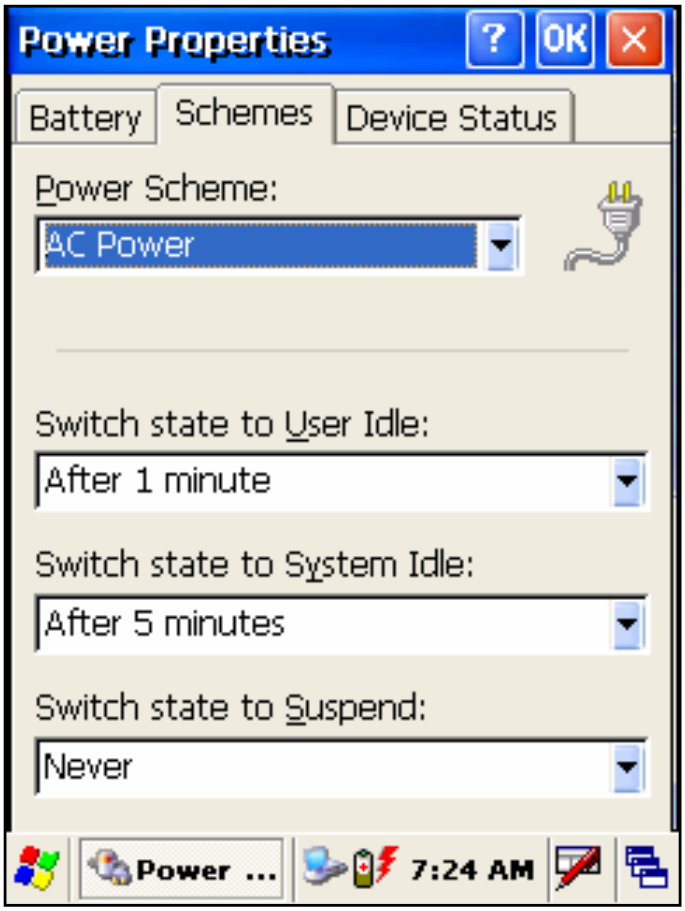


Figure 1. Power Setting

### Memory Allocation & Usage

Adjust the Memory Allocation with the following steps:

1. Select Start > Settings > Control Panel > System Properties.
2. Select the Memory tab.
3. Move the slider to adjust memory allocation.
4. Press the OK button, or the <Enter> key on the IT-6000

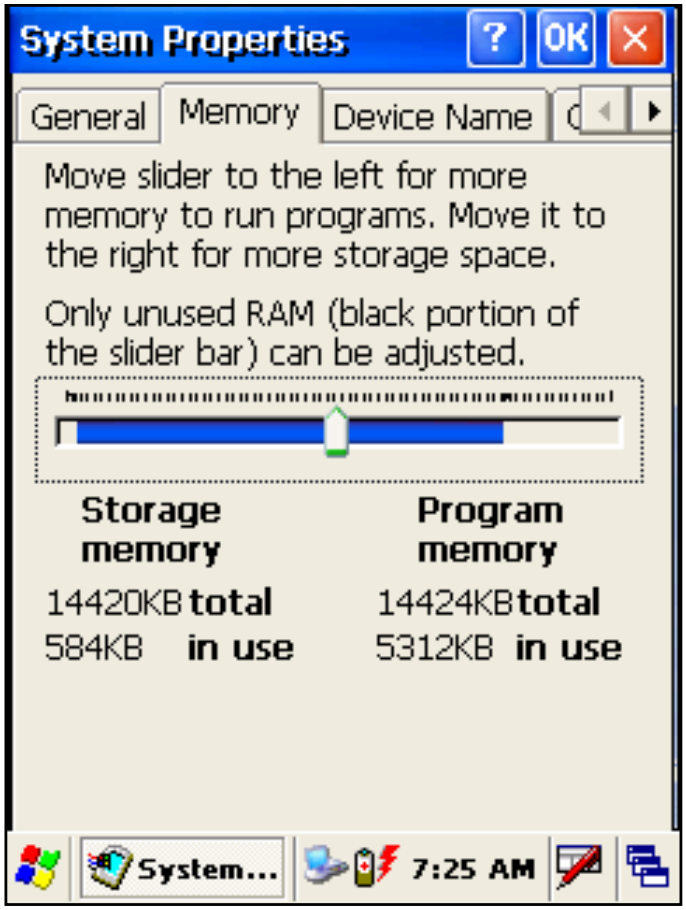


Figure 1. Memory Setting

# Networks and Communications

This chapter explains the network and communications setting.

- SNMP
- Installing & Setting Up the IT-6000 IrDA Dock Driver
    - IrDA Driver Installation
    - Setting up the IrDA Port
- Installing & Setting Up Microsoft® ActiveSync
    - Microsoft® ActiveSync
- Using ActiveSync
    - Setting up a Partnership
    - Transferring Files
    - ActiveSync File Synchronization
- Networking
    - Setting up the Network ID
    - Network and Dialup Connections
- Network Setup: Remote ActiveSync

## SNMP

SNMP (Simple Network Management Protocol) is the standard protocol for managing devices on a network. The Firmware Management Utility (FMU) makes use of SNMP to send and receive configuration information to the terminals. Since the networked terminals are constantly running SNMP, this allows FMU to interface with the terminal at any time, without requiring user intervention on the terminal.
With SNMP running on the terminal, other SNMP based network management tools such as HP Openview® and CastleRock SNMPpc® may also be used to interface with the terminals. To support this capability, We have released the Management Information Base (MIB) for the Windows based terminals. The MIB is used by the management tools to allow them to better support the configuration values provided on the terminals, such as scanner controls and terminal type information.

## Installing & Setting Up Microsoft® ActiveSync

This section provides instructions on setting up the Host PC so that the PC can communicate with the device.

### *Microsoft® ActiveSync*

Microsoft® ActiveSync is a file transfer tool to synchronize the files on a PC with the files on your device. The device comes from the factory with ActiveSync loaded. If you have ActiveSync already installed on your PC, make sure that you have v3.7 or higher.
To install Microsoft® ActiveSync, complete the following steps on the PC:

1. Go to the Microsoft® WindowsCE .Net website and download the most current version of ActiveSync:

http://www.microsoft.com/mobile/pocketpc/downloads/.

2. Install the most current version of Microsoft® ActiveSync (v3.7 or higher) on the host PC.
3. Click the Next button to continue the installation. Click Cancel

to cancel the installation of ActiveSync.

4. Once ActiveSync is installed, it will attempt to connect to the device; allow it to fail on the first attempt.
5. Reboot your PC.
6. Open ActiveSync.
7. Select File > Connection Settings from ActiveSync's menubar.
8. Enable the Allow serial cable or infrared connection to this COM port check box. Verify that Infrared Port (IR) is selected in the pull-down list below the checkbox. To close the window, click the OK button.
9. Remove the device from the dock. Verify that the unit is turned on.
10. Insert the device into the dock.

• The Infrared Device Indicator in the Host PC's system tray will appear and indicate that it has discovered a new device.
• Within a minute, the ActiveSync window should appear attempting to connect to a new device.

11. If ActiveSync does not connect within two minutes try the following:

• Open the ActiveSync window if not already open.
• Remove the IT-6000 from the dock and then reinsert it.
• After the Infrared Device indicator has recognized the new device, go to the ActiveSync window.

12. Select File > Get Connected and ActiveSync looks for a mobile device.

## Using ActiveSync

Use ActiveSync to transfer and synchronize files between the device and the Host PC.

### *Setting up a Partnership*

During the Microsoft ActiveSync installation, you were prompted to create a partnership with your mobile device. When you set up a partnership, you select synchronization and file conversion settings, which are contained in a file on your desktop computer. This file enables your desktop computer to recognize your device. Only devices that have a partnership with a desktop computer can synchronize information between the two computers.
Partnerships are stored in ActiveSync and have the same name as the corresponding device. Your desktop computer can set up partnerships with many different mobile devices, but a device can have partnerships with only two computers. For more information on partnerships, please refer to your Microsoft Active-Sync documentation or help file.

### *Transferring Files*

To transfer files, complete the following steps on the host PC:

1. Select Start > Programs > Microsoft ActiveSync.
2. Double-click on the ActiveSync icon in the System Tool Tray.
3. After you have established a connection with your Device, tap the Explore button at the top of the ActiveSync window (or select Explore from the File menu).
4. Navigate to the target directory on your portable and copy the desired file by using the Copy/Paste method or dragging and dropping the desired file(s) into the folder.

Depending on the file type, ActiveSync may convert the file into a format appropriate for the WindowsCE .Net device.

### *ActiveSync File Synchronization*

ActiveSync file synchronization requires an ActiveSync partnership between the IT-6000 and the Host PC.

1. Select the files in the synchronization configuration for the IT-6000 partnership.
2. Select Tools > Options from the ActiveSync command bar to configure the synchronization options.
3. Place the file to be synchronized in the Synchronization folder created in your My Documents directory. Defaults to the desktop. During the ActiveSync connection, all files in the Synchronization folder will be synchronized to the \My Documents directory on the IT-6000.

## Networking

### *Setting up the Network ID*

To set up your Network ID (configure the Windows user settings, such as the user name, password, and domain), complete the following steps on the Device:

1. Go to Start > Settings > Owner.
2. Select the Network ID tab on the Owner Properties dialog box.

***Enter your User Name, Password, and Domain on the Network ID tab.***

3. Select OK from the command bar to save your network ID information.

Access basic network connection information by double-tapping on the Network icon in the system tray. Tap Details to show more information.

*Network and Dialup Connections*

1. Select Start > Settings > Network and Dialup Connections. Double-tap on the WLAGS46B1 item (this will vary based on installed radio manufacturer and number of connections).
2. Complete the two tabs:

• IP Address: Select DHCP or set static IP settings.
• Name Servers: If using static IP, set DNS and WINS servers.

*Network Setup: Remote ActiveSync*

To execute Remote ActiveSync, complete the following steps:

1. Go to Start > Settings > Network ActiveSync.
2. Verify that Network Configuration is selected from the Method to Connect pull-down list.
3. Select the target host that you wish to ActiveSync with from the Connect To pull-down list.
4. Press the Connect button.
5. A network ActiveSync connection will be established.

Network functions and operations work the same when using the Dock.